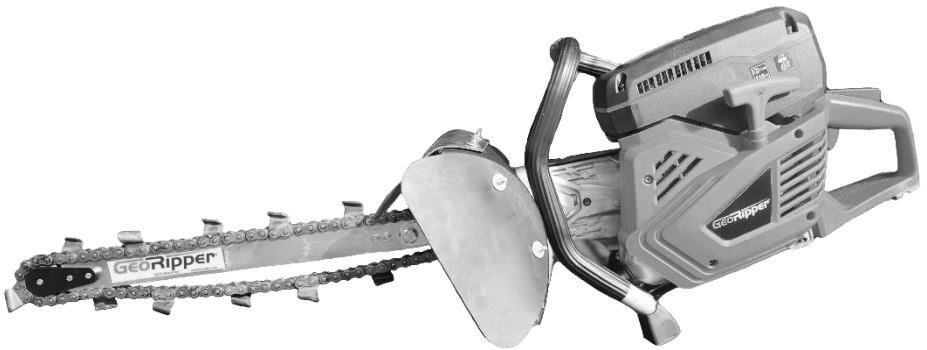


GEORipper®

Reliable | Superior | Revolutionary



OPERATOR'S AND SAFETY MANUAL FOR GEORIPPER MODELS GR416, GR520 & GR727

WARNING!

**Read and understand this Manual. Always follow safety
Precautions in the Operator's and Safety Manual.
Improper use can cause serious injury!**

TerraTrench USA, Inc. dba
MiniTrencher 815 NE 172nd
Avenue Vancouver, WA 98684
877-694-0141
www.minitrencher.com

Thank you for purchasing the GeoRipper® minitrencher.

The unique features and benefits of the GeoRipper include multi-stage air filtration technology, vibration isolation and the latest developments in durable digging chains. These lightweight trenchers are designed to provide many years of dependable performance when used in accordance with the instructions within this manual.

For more information and operating techniques, refer to the website:
www.minitrencher.com

WARNING!

Read and understand this Manual. Always follow safety precautions in the Operator's and Safety Manual. Improper use can cause serious injury!

WARNING!

FUELS WITH MORE THAN 10% ETHANOL ARE NOT APPROVED FOR USE IN GEORIPPER 2-STROKE ENGINES! Use of alternative fuels, such as E-20 (20% ethanol), E-85 (85% ethanol) or any fuels not meeting MINITRENCHER requirements are not approved for use in GEORIPPER MINITRENCHERS!

USE OF ALTERNATIVE FUELS CAN CAUSE THE FOLLOWING PROBLEMS:

Poor performance, loss of power, overheating, fuel vapor lock, improper clutch engagement, premature deterioration of fuel lines, premature deterioration of gaskets, premature deterioration of carburetors.

USING ALTERNATIVE FUELS AND/OR 2-STROKE OILS NOT ACCORDING TO JASO FC OR ISO-L-EGD IN GEORIPPER MINITRENCHER 2-STROKE ENGINES WILL VOID YOUR ENGINE WARRANTY!



**Know what's below.
Call before you dig.**

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IMPORTANT SAFETY INSTRUCTIONS

To prevent serious injury:

All operators of the GeoRipper® minitrencher must read and fully understand this Operator's and Safety Manual prior to operating the minitrencher.

All operators must use required Personal Protection Equipment (PPE) as outlined by local or national safety codes. PPE for feet, legs, eyes, hands, face and ears should be worn at all times while operating the GeoRipper minitrencher. At minimum, the operator shall wear safety-toe boots, safety glasses and ear plugs.

KEEP FEET AND HANDS CLEAR OF DIGGING CHAIN AT ALL TIMES.



Before you dig: check the location of all underground services, especially electric cables. **ELECTRIC SHOCK CAN CAUSE SEVERE OR FATAL INJURY.**

Check that the powerhead, including handles, and all safety apparatus are in good working order.

Ensure that the GeoRipper® minitrencher is correctly fitted to the powerhead, the chain and belt are correctly tensioned, all nuts and bolts are tight and the belt guard is in place. Before starting the engine, remove and inspect the digging chain for any damage.

When starting the powerhead (see Fig. B), use the correct safety starting techniques as outlined in the powerhead operator's manual and **ensure that the digging chain is clear of contact with the ground or any other object.** For extra safety, make sure the area around the digging chain is clear of loose vegetation, the digging chain may rotate upon startup of the powerhead. To stop chain from rotating, depress throttle control to increase engine RPM. After engine slows to idle, the chain should be stationary.

DIGGING CHAIN MUST BE STATIONARY WHEN POWERHEAD IS AT IDLE.

(Refer to powerhead operator's manual for correct idle adjustment.)

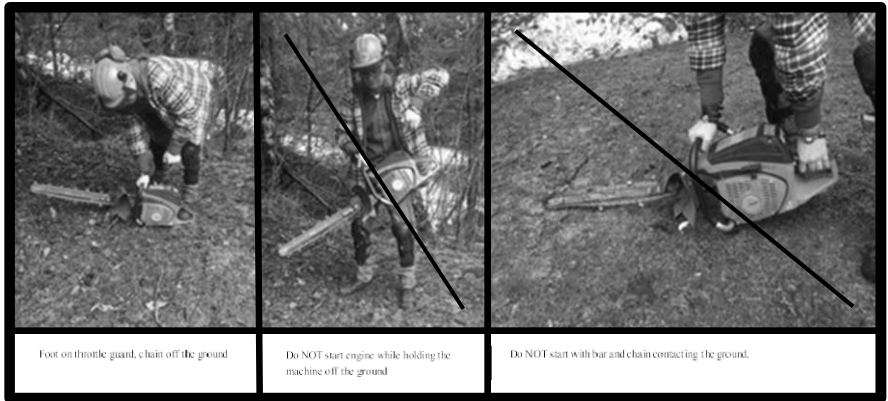


Fig. B

Maintain firm footing and a firm grip on the powerhead during digging. For easiest trenching, it is recommended to position the blade at an angle (25 to 30 degrees from vertical.)

Digging with the blade vertical should be avoided (unless using the EZ Kart™). Operating GeoRipper vertically allows the digging chain dangerously close to the operator's feet and legs. A vertical orientation will also increase operator fatigue.

When trenching on an incline, always stand downhill of the GeoRipper minitrencher (Fig. D) or with discharge chute facing downhill. (Fig. E) In slippery conditions, always maintain firm footing. Operator shall be aware of surroundings and stand so a sudden loss of balance will not bring body into contact with the trencher.



Fig. D

Minors shall not operate the GeoRipper® minitrencher.

The digging blade may kick back if the bar and digging chain contacts hard, solid ground or other obstructions.



Fig. E

When tuning or testing the minitrencher, be sure to point the blade away from self and others. The chain will rotate at high speed without warning. People and animals shall be kept at a safe distance.

Rocks and debris can be ejected from the trencher behind and to the left of the operator (9 – 12 O'clock.) Keep people, windows and other property clear of these positions.

Loose clothing shall not be worn when operating minitrenchers.

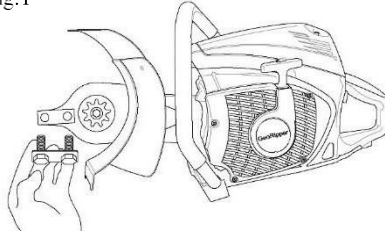
When operating GeoRipper minitrenchers, dirt guards can become hot to the touch. Be careful not to touch dirt guard with bare hands as it will be hot and could burn.

ASSEMBLY INSTRUCTIONS

Before assembly, check parts list within product packaging. If anything is missing, please call MINITRENCHER or your local dealer immediately.

1. Removed powerhead from box and lay on its side on a non-marring surface. Position so the digging bar bolts are visible. (Fig. F)

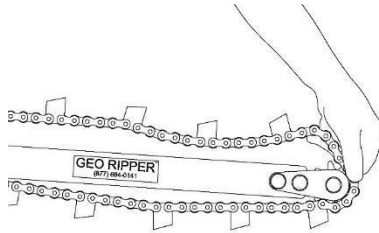
Fig. F



Using the 18mm wrench provided, undo and set aside the digging bar clamping bolts, lock washers and bar clamp.

2. Hold the digging bar as shown (Fig. G) with the slot on the bar facing towards the main block of the GeoRipper® minitrencher.

Fig. G



CAUTION: DIGGING BAR IS REVERSIBLE BUT DIGGING CHAIN DIRECTION IS CRITICAL (Fig. H)

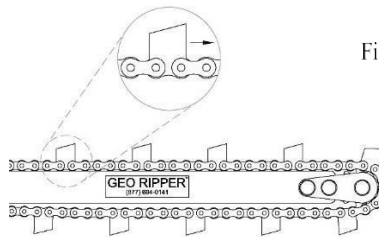
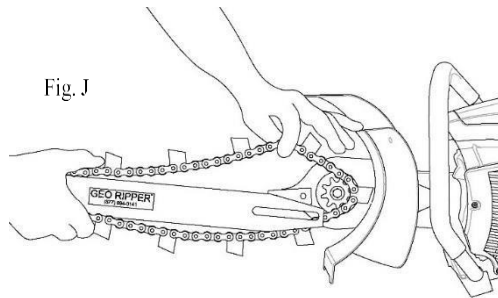


Fig. H

3. Loop the digging chain around the nose sprocket of the digging bar.

If the digging chain has notches, the chain must be assembled with the directional notches on rear of cutting teeth facing towards engine/operator when chain is running along the top of the digging bar. (Fig. H) **One tooth on chain will be marked yellow on rear edge of tooth. This yellow edge shall face the engine when on top of the bar.**

4. Loop the digging chain over the GeoRipper® drive sprocket. Fit slotted section of the digging bar to raised section of mounting block. Slide bar away from powerhead to lightly tension chain. (Fig. J)



5. Install the two large clamping bolts, lock washers and bar clamp. Lightly tighten the two large clamping bolts with 18mm wrench.
6. Insert a flat-blade screwdriver into the digging bar tensioning slot. (Fig. K)

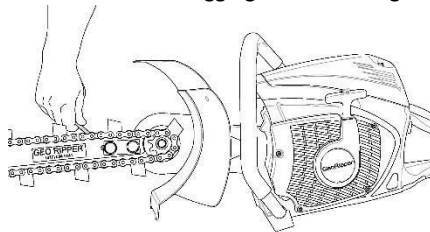


Fig. K

Lever the digging bar away from the engine. The chain should be slack and not tight. Securely tighten the two large bolts while keeping tension on the digging bar.

6a. If a bar tensioner is installed on the digging bar, screw bar tensioning bolt with included 13mm wrench while clamping bolts are lightly secured. Once tightened to preferred tension, securely tighten clamping bolts with 18mm wrench. Tighten securing nut on bar tensioner to keep tensioning bolt in place.

7. The GeoRipper® minitrencher is now ready to operate. Refer to both the section in this manual and the powerhead manual for correct and safe operation of the GeoRipper® minitrencher.

DIGGING CHAIN INFORMATION

Soil Type	Adjustment (Sag at midpoint)
Hard	1 inch
Clay	1 inch
Stoney	1 ½ inch
Clean	1 inch
Easy	1 inch
Abrasive/Sand	1 ½ inch

When in rocky soil, decrease engine R.P.M. Maximum 3/4 engine throttle is necessary for maximum productivity.

BEFORE YOU START TRENCHING

1. Visually inspect trencher before starting/restarting.
2. Ensure all nuts, bolts and screws are tight and secure.
3. Carry out all safety instructions as listed on pages 1 & 2.
4. Check with local authorities for any underground services.

CALL 811 BEFORE YOU DIG

In rural areas, check with landowners who may have a detailed knowledge of utility location.

In many locations (along road sides and near subdivisions) surface re-grading may have occurred after utilities were laid. This can result in cables or other utilities appearing unexpectedly at shallower depths than regulations require. Stop trenching if something doesn't look or feel right.

Check along the desired trench line, clearing any obstructions, branches, large stones and other obstructions that could cause the operator to slip or loose footing. If a long continuous trench is planned, consider using EZ Kart.

USING THE GEORIPPER® MINITRENCHER

WARNING!

DO NOT ALLOW DIGGING CHAIN TO JAM OR SLOW TO A STOP WHILE HOLDING THE THROTTLE ON. TURN OFF ENGINE, DISCONTINUE OPERATION AND INVESTIGATE. RUNNING ENGINE AT MORE THAN IDLE WITH CHAIN JAMMED WILL CAUSE SEVERE CLUTCH AND/OR BELT DAMAGE.

GeoRipper® minitrencher has an adjustment screw for the belt tension. Tension must be readjusted after the first hour of operation to prolong belt life. See Powerhead Operator's Manual for further instruction.

1. Start the powerhead per the manufacturer's Operator's Manual. Start trenching with the GeoRipper® minitrencher on the ground and tip the blade into the ground. Once the digging bar and chain are in the ground, the operator can choose to stand and cut through the ground backwards along their desired line or continue to "drag back and tip in." Keep the angle of the digging bar at 25-30-degree angle from vertical for comfortable operation. In lighter soils, it may be necessary to make second pass through the trench to clear out any spoils that fell back in.
2. Most powerheads are designed to operate best and develop maximum power near 3/4 throttle. Depending on soil type, best operating speeds can be from 3/4 to full throttle. For greater control at shallow depths [8 inches (200 mm) or less] a 1/2 to 3/4 throttle will improve trenching safety.
3. When trenching without EZ Kart in difficult soils, the "drag back and tip in" method is recommended.
4. If you strike solid obstacles (large rocks, concrete, or large roots or buried timber) remove the obstacle or go around it before continuing. The GeoRipper® minitrencher is designed to dig earth, not large stones or tree roots over 3 inches (80mm) in diameter.
5. For wider trenches [2-3 inches (50 – 80mm)], rotate blade along the long axis of the blade while trenching. For anything over 3 inches (80mm), make a second trenching cut at the outside of the desired width and remove the soil between the two trenches.
6. Regular checking/adjustment of digging chains will extend chain life.
7. At the end of the job, and periodically during the project, brush the loose dirt off the digging chain and around the digging sprocket. Inspect the digging teeth for any damage.
8. To trench down an incline, always stand downhill of the trencher.
9. To trench laterally across an incline, always direct the discharge chute downhill. This will keep the spoils from falling downhill back into the trench.
10. Cut grass before trenching to help recover spoils.

SPECIAL SITUATIONS

1. The GeoRipper® minitrencher is not designed to trench in solid rock.
2. For digging in light or sandy soils containing fine, hard stones, GeoRipper® minitrenchers should be at full speed prior to contact the ground. When trenching is complete, lift the digging bar and chain clear of the trench prior to throttling down. This will greatly reduce the occurrence of rock jams. Decreasing tension on the chain will also improve trenching in these conditions.
3. When digging at full depth in difficult, wet, pliable clays, it is recommended to make two half-depth passes in opposite directions. This will reduce operator fatigue, reduce engine strain, and reduce the possibility of jamming the digging chain with mud.
4. When cutting curves or radiuses, it is advisable to use several shallow passes rather than a single, full-depth cut.
5. When trenching across a roadway, it is recommended to first loosen the compacted gravel/stones along the desired line. Removing larger rocks before trenching will also increase productivity and avoid damaging the digging chain.
6. If digging chain is slowing or stopping because of excessive soil buildup, periodically stop the machine and clear the material for the chain, sprockets and discharge chute. Some soils will buildup on the sprocket and add tension to the chain. Loosening chain can help. Keeping engine speed high and constant can also help.

MAINTENANCE, CLEANING & STORAGE

IMPORTANT! Inspect powerhead air filter daily. Clean or replace when necessary as per powerhead Operator's Manual.

Blow out and clean cooling fins and pull cord housing on powerhead with low-pressure, compressed air every 8-10 hours of operation. Clean out any embedded or sticky debris.

Check drive belt tension and inspect drive belts for cracking or other wear daily. Replace belt as needed. Check the tool pouch provided for an extra drive belt.

Replace anti-vibration mounts and other wearable powerhead components as required to maintain the powerhead.

To Replace Nose Sprocket and Nose Assembly Plates

An impact driver with a T27 hex bit will help to loosen screws. It may be necessary to heat screws to 500 degrees F (260 degrees C) to breakdown locking compound. Add thread-locking compound (blue Loctite 243) to screws before reinstalling. Tighten nose bolts to 10-13 FTLBS torque.

When storing the GeoRipper® minitrencher, drain fuel from tank, run machine dry, and oil digging chain. Follow storage instructions in powerhead Owner's Manual.

2-STROKE FUEL & LUBRICATION INFORMATION

- Use a Premium, synthetic, high-octane, no ethanol 50:1 fuel mixture at all times.
- Use premium, synthetic, air-cooled, two-stroke oil. Preferably NV Earth biodegradable two-stroke oil. Husqvarna® or Dolmar®/Makita® two-stroke engine oil is also acceptable.

DO NOT USE TWO-STROKE ENGINE OIL FOR OUTBOARD MARINE OR WATER- COOLED ENGINES! IT IS NOT THE SAME!

- Use 90+ octane, no ethanol gasoline.
- Use freshly-mixed fuel.
- Keep fuel container out of direct sunlight.
- Mix enough fuel only for the job at hand.
- Use a quality fuel stabilizer if using gas with ethanol.

To ensure correct fuel mix,
use a shelf-stable pre-
mixed 2-stroke fuel like
TruFuel or VP Performance.

WARNING!

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Poor performance, loss of power, overheating, fuel vapor lock, improper clutch engagement, premature deterioration of fuel lines, premature deterioration of gaskets, premature deterioration of carburetors.

USING ALTERNATIVE FUELS AND/OR 2-STROKE OILS NOT ACCORDING TO JASO FC OR ISO-L-EGD IN GEORIPPER® MINITRENCHER 2-STROKE ENGINES WILL VOID YOUR ENGINE WARRANTY!

GUIDE TO MAINTAINING DIGGING COMPONENTS

IMPORTANT!

Digging Components wear depending on soil, digging depth and operator.

Estimates are provided, but not guaranteed.

- Reverse or flip digging bar as required. Estimate is every four digging chains.
- Replace digging bar when bar is worn on both sides.
- Replace nose bearing as required. Estimate is every three to four digging chains.
- Replace nose sprocket as required. Estimate is every six to eight digging chains.
- Replace digging chain drive sprocket as required. Estimate is every three to four digging chains.

When finishing work, it is advisable to clean the digging chain and spray lightly with WD40, or similar, to prevent corrosion while in storage. For long term storage, the digging chain should be removed and soaked in a light oil. Clean other surfaces with a brush or damp cloth. Avoid using petroleum-based products, abrasives, or other solvents on labels. Remove the drive belt guard, remove dust and dirt from belt housing and reinstall. Store the GeoRipper® minitrencher in a safe, dry place.

USING THE EZ KART

WARNING!

Electric shock can be fatal regardless of whether you are using the GeoRipper® minitrencher manually or with EZ Kart. Remember to check the location of all underground services, especially electric cables, prior to digging.

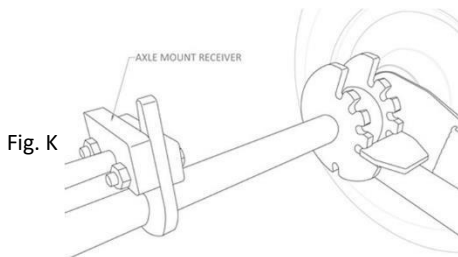
CALL 811 BEFORE YOU DIG

Refer to instructions supplied with EZ Kart for assembly.

Lay the control handle on the ground so it is engaged with the rear/lowest detent position on the axle. This position will keep the axle receiver mount in a level position.

Position the EZ Kart tongue, located at the bottom of the GeoRipper® adapter, into the axle receiver mount. Lock in place by engaging the latching slide bolt through the receiver mount. Rotate slide bolt handle to lock into place on EZ Kart axle.

Depress control handle, push out of detent position, and reposition in first/upper detent position.



The detents allow the operator to control the angle of the digging blade and chain. This allows for greater depth consistency.

BEFORE STARTING POWERHEAD

Position throttle control assembly onto throttle handle of powerhead so that EZ Kart throttle latch engages the powerhead throttle trigger. Secure in place by wrapping the attached Velcro strap tightly around powerhead handle.

With engine switched off, check for smooth throttle operation by operating remote throttle lever and adjust throttle cables as required using the in-line cable adjuster on the throttle cable. Make sure the engine will return to idle after operating remote throttle.

Place tow strap around lower back (at or below belt line) and adjust length for comfortable operation. Proceed with trenching. (Refer to powerhead Owner's manual and page 5-6 of this Manual for correct starting procedure.)

TIPS FOR EZ KART USE

Start digging your trench. Select a notch on the depth adjuster which gives both the desired trench depth and a comfortable operating position for the control handle. Keep the handle as close to vertical as possible with slight upward pressure so that you retain control of the GeoRipper® minitrencher at all times. You can use a finger under the remote throttle lever to help control the RPM. Before changing to a different notch, throttle off and allow your digging chain to come to a rest so that you retain full control of the GeoRipper® minitrencher at all times.

When trenching with the EZ Kart, allow the GeoRipper® minitrencher to dig at a rate which the soil type/condition allow. If excessive backwards pressure is used for the soil type/condition, the GeoRipper® minitrencher will try to “surface” and the wheels will come off the ground. This situation places unnecessary strain on all components, including the operator.

GEORIPPER® TROUBLESHOOTING

If engine does not start, check the air and fuel filters first. Replace filters if necessary. If engine still does not start, check sparkplug for spark.

WARNING!

Not all sparkplugs are the same! Make sure to purchase the correct replacement plug for your trencher. Incorrect sparkplugs can cause poor power, no power, or burnt piston. Using the incorrect sparkplug will void the engine warranty.

Refer to powerhead Owner’s Manual for more information.

If you hear a squeal while trenching, or an unjammed digging chain will not rotate under full throttle, check the belt tension of the trencher. Refer to powerhead Owner’s Manual for more information.

SERVICE AND PARTS

GeoRipper® minitrenchers are professionally designed and engineered for easy service and part replacement.

During the warranty period, any non-routine servicing shall be referred to MiniTrencher's service department or an authorized GeoRipper® service center to maintain warranty status. This work will be charged at the normal rates unless found to be a warranty item. Beyond the warranty period, replacement parts can be ordered through MiniTrencher and its dealers for convenient field replacement.

WARNING!

Unauthorized parts and modifications not only void the warranty, they can be dangerous, causing serious or fatal injury to operator or bystanders.

Only use genuine GeoRipper® minitrencher parts.

When ordering parts, accessories, or service, please state the GeoRipper minitrencher model number:

GR416, GR520, or GR727

WARRANTY

ONE YEAR MINITRENCHER LIMITED WARRANTY

1. TERRATRENCH USA, INC dba MINITRENCHER (MINITRENCHER) WILL REPAIR OR REPLACE, AT ITS OPTION, ANY NEW GEORIPPER® MINITRENCHER PRODUCT WHICH FAILS DUE TO A DEFECT IN MATERIALS OR WORKMANSHIP DURING THE APPLICABLE WARRANTY PERIOD SPECIFIED IN SECTION 2 BELOW, SUBJECT TO THE EXCLUSIONS AS NOTED IN SECTION 3.
2. THE WARRANTY PERIOD APPLICABLE TO NEW GEORIPPER® MINITRENCHER PRODUCTS, DEPENDING ON THE END USE OF THE PRODUCT AND PRODUCT TYPE, WITH COVERAGE COMMENCING FROM THE DATE OF SALE, IS ONE YEAR.
3. THIS WARRANTY DOES NOT IN ANY WAY COVER:
 - NORMAL WEAR AND TEAR
 - FAILURE ARISING FROM IMPROPER USE OF THE PRODUCT
 - FAILURE ARISING FROM IMPROPER ASSEMBLY, MAINTENANCE OR STORAGE
 - FAILURE ARISING FROM THE USE OF PARTS NOT MANUFACTURED OR SUPPLIED BY MINITRENCHER OR ITS AUTHORIZED AGENTS
 - DIGGING CHAIN AND GROUND-ENGAGING ITEMS INCLUDING NOSE BEARINGS, NOSE SPROCKET, NOSE SPROCKET END PLATES, DIGGING BAR AND DRIVE SPROCKET.
 - USE OF INCORRECT FUEL OR FUEL MIXTURE.
 - LEAN SEIZURES
4. MINITRENCHER DOES NOT WARRANTY ANY OTHER SMALL ENGINES ASSOCIATED WITH GEORIPPER PRODUCTS.
5. SHOULD ANY TROUBLE DEVELOP DURING THE ONE YEAR PERIOD, RETURN THE COMPLETE PRODUCT, FREIGHT PREPAID BY USER, TO ONE OF MINITRENCHER'S FACTORY OR AUTHORIZED SERVICE CENTERS. IF INSPECTION SHOWS THE TROUBLE IS CAUSED BY DEFECTIVE WORKMANSHIP OR MATERIAL, MINITRENCHER WILL REPAIR (OR AT OUR OPTION, REPLACE) WITHOUT CHARGE TO THE EXTENT ALLOWABLE. TO FIND A FACTORY OR AUTHORIZED SERVICE CENTER, PLEASE CONTACT MINITRENCHER AT 877-694-0141.
6. THE SAFE AND CORRECT USE OF THIS PRODUCT IS BEYOND THE CONTROL OF THE MANUFACTURER. MINITRENCHER WILL NOT BE LIABLE TO ANY PURCHASER OR ANY OTHER PERSON FOR ANY LOSS OF PROFITS OR ANY CONSEQUENTIAL, INDIRECT OR SPECIAL LOSS, DAMAGE OR INJURY OF ANY KIND HOWEVER CAUSED (INCLUDING NEGLIGENCE) ARISING DIRECTLY OR INDIRECTLY FROM OR IN CONNECTION WITH ANY GEORIPPER® MINITRENCHER PRODUCT AND/OR ANY FAILURE OF OR ANY FAULT IN ANY GEORIPPER® MINITRENCHER PRODUCT. BY WAY OF EXPLANATION, WE ARE NOT LIABLE IF YOU CAUSE OR SUFFER DAMAGE, INJURY OR LOSS WHEN USING A GEORIPPER® MINITRENCHER PRODUCT.
7. IN NO EVENT SHALL MINITRENCHER BE LIABLE FOR (A) ANY INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES ARISING FROM THE SALE OR USE OF THE PRODUCTS SOLD UNDER THESE WARRANTIES, OR (B) ANY AMOUNT IN EXCESS OF THE AMOUNT ACTUALLY PAID TO MINITRENCHER FOR THE PRODUCTS SOLD HEREUNDER. THIS LIMITATION APPLIES BOTH DURING AND AFTER THE TERMS OF THE WARRANTY.

MINITRENCHER DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE" AFTER THE EXPIRATION OF ANY EXPRESS WARRANTY.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

REPLACEMENT PARTS AND ACCESSORIES FOR GEORIPPER® MINITRENCHER

Parts & Accessories

MT1000	Bar End Set
MT1500	6-Tooth Nose/Idler Sprocket w/ bearing
MT1700	11-Tooth Nose/Idler Sprocket w/ bearing for
MT2000	Bar Clamp Assembly
MT3400	Digging Bar for 400 Series / 16" Machines
MT3500	Digging Bar for 500 Series / 20" Machines
MT3700	Digging Bar for 700 Series / 20"
MT8000	Dirt Deflector Assembly
MT8001	Dirt Deflector w/ Hardware
MT8002	Top Mud Flap w/ Hardware
MT8003	Side Mud Flap w/ Hardware
MT9001	Drive Sprocket
MT9002	Drive Axle
MT9003	Labyrinth
MTB77-00	Drive Belt

Single Chains

MT4400	Single 16"[400mm] Max Digging Depth Chain
MT4500	Single 20"[500mm] Max Digging Depth Chain
MT4700	Single 27"[700mm] Max Digging Depth Chain

2-Pack Chains

MT4400-2	(2) 16"[400mm] Max Digging Depth Chain
MT4500-2	(2) 20"[500mm] Max Digging Depth Chain
MT4700-2	(2) 27"[700mm] Max Digging Depth Chain

6-Pack Chains

MT4400-6	(2) 16"[400mm] Max Digging Depth Chain
MT4500-6	(2) 20"[500mm] Max Digging Depth Chain
MT4700-6	(2) 27"[700mm] Max Digging Depth Chain

EZ Kart™

EZ100	EZ Kart - Universal
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EZ Kart Parts & Accessories

EZ2000	Handle Assembly
EZ2001	Handle Grip
EZ2002	Handle Throttle Lever
EZ3000	Throttle Assembly
EZ3001	Throttle Cable
EZ5000	Wheels (set of 2)
EZ6000	Pull Strap Assembly
EZ6001	Pull Strap Buckle

EU DECLARATION OF CONFORMITY

No.: 8152016172

Manufacturer:

Company name: TerraTrench USA, Inc. dba MiniTrencher
Street: 815 NE 172nd Avenue
City: Vancouver
Postal Code: 98684
State/County/Province: Clark County, Washington State
Country: United States of America
Phone: +1 (877) 694-0141

Person authorized to compile the Technical File:

Company name: Lochmans.com S.R.O.
Street: Zelezna 92
City: Beroun
Postal Code: 266 01
State/County/Province:
Country: Czech Republic
Phone: +42-602-210-413

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object(s) of the declaration:

*GeoRipper® Minitrencher
Models GR416, GR520, & GR727*

The object of the declaration described above is in conformity with the relevant Community harmonization legislation:

Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (in short referred to as "the Machinery Directive")

References to the relevant harmonised standards used or references to the specifications in relation to which conformity is declared:

EN ISO 12100:2010

Additional information:

Signed for and on behalf of TerraTrench USA, Inc.
Vancouver, Clark, Washington 1st Day of September, 2023
Peter Blundell, President

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